

A3 sends the necessary operational parameters to the terminal on the basis of the message.--

REMARKS

A marked-up version of the rewritten claims are attached hereto.

The Examiner states that in Tiedemann a Customer Service Center (CSC) queries the subscriber station for information in response to which CSC selects the Home Location register (HLR) within the communication network with which the subscriber unit is to be associated. However, in cellular communication systems, such as for in GSM system the terminology of which Tiedemann uses, each subscriber unit has only one HLR, which is the HLR of the original network the unit belongs to. As the unit moves, for example, to an area where the original network is not present, the unit is connected to a Visitor Location Register (VLR). The HLR is the same regardless of the location of the subscriber. Thus, as Tiedemann selects the HLR of the subscriber unit, Tiedemann does not know or use the location of the subscriber unit in any way. The system of Tiedemann does not control the subscriber unit on the basis of the location information, as claims 1 and 16 state.

Thus, the rejection of claims 1-7, 9, 16 and 18 under 35 USC 102 on Tiedemann should be withdrawn. Further, since there is no suggestion in Tiedemann for this concept, these claims are unobvious over it.

Gerszberg presents a solution for remote programming of a wireless telephone set. In Gerzberg a bidirectional connection between the terminal and a control center is established. In the solution of claims 1 and 16 this is not the case. As a

first message from the terminal, the control center receives from the terminal predetermined identification indicia (col. 2, lines 4-20). In response, the control center sends information to the terminal. From the above is clear, that Gerszberg does not teach sending location information to the control center, as the information to be sent is predetermined. It thus cannot contain any information not known in advance, such as the location of the terminal.

In col. 3, lines 27-60, Gerszberg teaches, that an operator at the control center may request any subscriber specific information from the user of the terminal. However, Gerszberg does not explicitly disclose location information. Furthermore, this feature is disclosed in the application as prior art. The method of Gerszberg requires that the control center is manned. One specific advantage of the invention at hand is that the method of the invention is automated. It does not require any operator to be present at the control center. In the invention of claims 1 and 16, the terminal sends a message automatically when switched on for the first time, the message comprising identification and location information. On the basis of this message, the control center is arranged to transmit required information to the terminal without any assistance or control from a human operator.

Thus the rejection of claims 1-6, 8, 9, 16 and 18 under 35 U.S.C. 102 on Gerszberg should be withdrawn. Further, since Gerszberg does not suggest the present invention, these claims are unobvious over this reference.

Mills also fails to disclose the above concept. Thus the rejection of claims 8 and 17 under 35 USC 103 on Tiedemann in view of Mills should be withdrawn.


Also Lee fails to disclose the present invention. Thus, the rejection of claims 10 under 35 USC 103 over Tiedemann in view of Lee should be withdrawn.

Similarly, Sarpola fails to disclose the present invention. Thus, the rejection of claims 11-15 and 19-22 under 35 U.S.C. 103 on Tiedemann in view of Sarpola should be withdrawn.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,


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Marked Up Claim(s)

1. (Amended) A method of installing a terminal in a telephone system comprising a number of terminals [(100, 102)], and a management system [(128)] which controls and monitors the operation of the terminals having device-specific operational parameters set by the management system, wherein [characterized in that] when a new terminal [(134)] is put to use in the system for the first time, the terminal sends the management system [(128)] a message indicating the terminal in question and the location of the terminal, and that the management system starts controlling the terminal on the basis of the message and sends the necessary operational parameters to the terminal.

2. (Amended) A method as claimed in claim 1, [characterized in that] wherein the telephone system is implemented by a cellular radio system.

3. (Amended) A method as claimed in claim 1, [characterized in that] wherein the connection data on the management system has been programmed in advance in the terminal to be installed.

5. (Amended) A method as claimed in claim 1, wherein [characterized in that] the operational parameters of each terminal to be installed in the system have been set in the management system in advance.

6. (Twice Amended) A method as claimed in claim 4, [characterized in that] wherein the management system sets the operational parameters of the terminal to be installed in the system on the basis of the location of the terminal.

7. (Amended) A method as claimed in claim 1, [characterized in that] wherein the terminal sends the message to a predetermined, general management system which sends information on the connection data about the separate management system of the terminal, and that the terminal sends on the basis of the connection data received another message to its management system which starts controlling the terminal and sends the necessary parameters to the terminal.

8. (Amended) A method as claimed in claim 2, wherein [characterized in that] the message is sent as a short message.

9. (Amended) A method as claimed in claim 2, wherein [characterized in that] the message is sent as a data call.

10. (Amended) A method as claimed in claim 1, [characterized in that] wherein the operational parameters comprise information on the languages available at the terminal, acceptable charge cards and their control information.

11. (Twice Amended) A method as claimed in claim 1, [characterized in that] wherein the telephone system is a pay phone system and that the terminals are pay phones.

12. (Twice Amended) A method as claimed in claim 1, [characterized in that] wherein the terminals are payment terminals used in stores.

13. (Twice Amended) A method as claimed in claim 1, [characterized in that] wherein the terminals are mobile smart card terminals.

14. (Twice Amended) A method as claimed in claim 1, [characterized in that] wherein the terminals are wireless local loop terminals.

15. (Amended) A method as claimed in claim 12, [characterized in that] wherein the operational parameters comprise tariff information.

16. (Amended) A telephone system comprising a number of terminals [(100, 102, 134)] and a management system [(128)] which controls and monitors the operation of the terminals which are arranged to store and use the device-specific operational parameters set by the management system, [characterized in that] wherein the system terminal comprises means [(100)] for detecting when the terminal is put to use in the system for the first time, and means [(100)] for sending a message indicating the terminal in question and the location of the terminal to the management system [(128)] which is arranged to start controlling the terminal on the basis of the message and send the necessary operational parameters to the terminal.

17. (Twice Amended) A telephone system as claimed in claim 16, wherein [characterized in that] the terminal comprises means [(100)] for sending the message as a short message.

18. (Twice Amended) A telephone system as claimed in claim 16, [characterized in that] wherein the terminal comprises means [(100)] for sending the messages as a data call.

19. (Twice Amended) A telephone system as claimed in claim 16, [characterized in that] wherein the telephone system is a pay phone system and that the terminals are pay phones.

20. (Twice Amended) A telephone system as claimed in claim 16, [characterized in that] wherein the terminals are payment terminals used in stores.

21. (Twice Amended) A telephone system as claimed in claim 16, [characterized in that] wherein the terminals are mobile smart cards.

22. (Twice Amended) A telephone system as claimed in claim 16 [characterized in that] wherein the terminals are wireless local loop terminals.